

## EAST Search History

| Ref # | Hits  | Search Query  | DBs                | Default Operator | Plurals | Time Stamp          |
|-------|-------|---|--------------------|------------------|---------|---------------------|
| S1    | 1     | "10540331"  | US-PGPUB;<br>USPAT | OR               | ON      | 2009/05/29<br>13:43 |
| S2    | 46    | ((HANS-MARTIN) near2<br>(WIEDENMANN)).INV.                              | US-PGPUB;<br>USPAT | OR               | ON      | 2009/05/29<br>15:09 |
| S3    | 88    | ((LOTHAR) near2<br>(DIEHL)).INV.  | US-PGPUB;<br>USPAT | OR               | ON      | 2009/05/29<br>15:09 |
| S4    | 65    | ((THOMAS) near2<br>(MOSEK)).INV.  | US-PGPUB;<br>USPAT | OR               | ON      | 2009/05/29<br>15:09 |
| S5    | 13    | ((STEFAN) near2<br>(RODEWALD)).INV.                                     | US-PGPUB;<br>USPAT | OR               | ON      | 2009/05/29<br>15:09 |
| S6    | 16259 | Bosch.as.   | US-PGPUB;<br>USPAT | OR               | ON      | 2009/05/29<br>15:10 |
| S7    | 255   | Bosch.as. and "solid<br>electrolyte"                                    | US-PGPUB;<br>USPAT | OR               | ON      | 2009/05/29<br>15:11 |
| S8    | 253   | Bosch.as. and "solid<br>electrolyte" and gas                            | US-PGPUB;<br>USPAT | OR               | ON      | 2009/05/29<br>15:11 |
| S9    | 219   | Bosch.as. and "solid<br>electrolyte" and gas and<br>electrode           | US-PGPUB;<br>USPAT | OR               | ON      | 2009/05/29<br>15:11 |
| S10   | 4     | (("4021326") or<br>("5314604") or<br>("6001152") or<br>("6210641")).PN. | US-PGPUB;<br>USPAT | OR               | OFF     | 2009/05/29<br>16:27 |
| S11   | 1     | "10574058"  | US-PGPUB;<br>USPAT | OR               | ON      | 2009/05/29<br>16:45 |
| S12   | 14    | ((Berndt) near2<br>(cramer)).INV.                                       | US-PGPUB;<br>USPAT | OR               | ON      | 2009/05/29<br>16:47 |
| S13   | 21577 | kenyon.att.   | US-PGPUB;<br>USPAT | OR               | ON      | 2009/05/29<br>16:51 |
| S14   | 144   | kenyon.att. and "solid<br>electrolyte"                                  | US-PGPUB;<br>USPAT | OR               | ON      | 2009/05/29<br>16:51 |
| S15   | 113   | kenyon.att. and "solid<br>electrolyte" and sensor                       | US-PGPUB;<br>USPAT | OR               | ON      | 2009/05/29<br>16:51 |
| S16   | 4969  | "solid electrolyte" and<br>sensor                                       | US-PGPUB;<br>USPAT | OR               | ON      | 2009/05/29<br>16:56 |
| S17   | 4359  | "solid electrolyte" and<br>sensor and gas                               | US-PGPUB;<br>USPAT | OR               | ON      | 2009/05/29<br>16:56 |
| S18   | 4606  | "solid electrolyte" and<br>(sensor or detector) and<br>gas              | US-PGPUB;<br>USPAT | OR               | ON      | 2009/05/29<br>16:56 |

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| S19 | 4153 | "solid electrolyte" and (sensor or detector) and gas and electrode  | US-PGPUB; USPAT                    | OR | ON | 2009/05/29 16:56 |
| S21 | 125  | "solid electrolyte" and (sensor or detector) and gas and electrode and "diffusion barrier" and @py<"2004" | US-PGPUB; USPAT                    | OR | ON | 2009/05/29 16:57 |
| S22 | 0    | "10332337"  | US-PGPUB; USPAT                    | OR | ON | 2009/06/01 08:32 |
| S23 | 1    | "10/332337"   | US-PGPUB; USPAT                    | OR | ON | 2009/06/01 08:32 |
| S24 | 3    | "6436277"   | US-PGPUB; USPAT                    | OR | ON | 2009/06/01 08:56 |
| S25 | 4    | "0171333"   | US-PGPUB; USPAT; EPO; JPO; DERWENT | OR | ON | 2009/06/01 09:33 |
| S26 | 16   | "3728189"   | US-PGPUB; USPAT; EPO; JPO; DERWENT | OR | ON | 2009/06/01 09:34 |
| S27 | 222  | "solid electrolyte" and (sensor or detector) and gas and electrode and "diffusion barrier"                | US-PGPUB; USPAT                    | OR | ON | 2009/06/01 09:38 |
| S28 | 1772 | dietz.in.   | US-PGPUB; USPAT                    | OR | ON | 2009/06/03 15:08 |
| S29 | 64   | dietz.in. and electrolyte   | US-PGPUB; USPAT                    | OR | ON | 2009/06/03 15:08 |
| S30 | 39   | dietz.in. and electrolyte and gas   | US-PGPUB; USPAT                    | OR | ON | 2009/06/03 15:08 |
| S31 | 60   | friese.in. and electrolyte and gas  | US-PGPUB; USPAT                    | OR | ON | 2009/06/03 15:14 |
| S32 | 1076 | 204/424.ccls.   | US-PGPUB; USPAT                    | OR | ON | 2009/06/04 13:12 |
| S33 | 683  | 204/424.ccls. and "solid electrolyte"   | US-PGPUB; USPAT                    | OR | ON | 2009/06/04 13:13 |
| S34 | 666  | 204/424.ccls. and "solid electrolyte" and electrode   | US-PGPUB; USPAT                    | OR | ON | 2009/06/04 13:13 |
| S35 | 663  | 204/424.ccls. and "solid electrolyte" and electrode and gas   | US-PGPUB; USPAT                    | OR | ON | 2009/06/04 13:13 |
| S36 | 7191 | pressure and "solid electrolyte" and electrode and gas  | US-PGPUB; USPAT                    | OR | ON | 2009/06/04 14:41 |
| S37 | 7799 | pressure and "solid electrolyte" and electrode and gas  | US-PGPUB; USPAT; EPO; JPO; DERWENT | OR | ON | 2009/06/04 14:41 |

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| S38 | 1149 | (pressure with (pulse or increase or jump)) and "solid electrolyte" and electrode and gas   | US-PGPUB;<br>USPAT; EPO;<br>JPO; DERWENT | OR | ON | 2009/06/04<br>14:42 |
| S39 | 743  | (pressure with (pulse or increase or jump)) and "solid electrolyte" and electrode and gas and @py<"2005"  | US-PGPUB;<br>USPAT; EPO;<br>JPO; DERWENT | OR | ON | 2009/06/04<br>14:43 |
| S40 | 307  | (pressure with (pulse or increase or jump)) and "solid electrolyte" and electrode and gas and @py<"2005" and diffusion                                | US-PGPUB;<br>USPAT; EPO;<br>JPO; DERWENT | OR | ON | 2009/06/04<br>14:43 |
| S41 | 85   | (pressure with (pulse or increase or jump)) and "solid electrolyte" and electrode and (gas near1 (sens\$3 or detect\$3)) and @py<"2005" and diffusion | US-PGPUB;<br>USPAT; EPO;<br>JPO; DERWENT | OR | ON | 2009/06/04<br>14:44 |
| S42 | 11   | ("4324632"   "4450065"   "4498968"   "4990235"   "5194135"   "5314604"   "5763763").PN. OR ("6355152").URPN.  | US-PGPUB;<br>USPAT; USOCR                | OR | ON | 2009/06/04<br>14:59 |
| S43 | 4    | (pressure with (pulse or increase or jump)) and "solid electrolyte" and electrode and (gas near1 (sens\$3 or detect\$3)) and @py<"2005"               | EPO; JPO;<br>DERWENT                     | OR | ON | 2009/06/04<br>15:03 |
| S44 | 184  | (pressure with (pulse or increase or jump)) and (gas near1 (sens\$3 or detect\$3)) and @py<"2005"   | EPO; JPO;<br>DERWENT                     | OR | ON | 2009/06/04<br>15:04 |
| S45 | 18   | (pressure with (pulse or increase or jump)) and (gas near1 (sens\$3 or detect\$3)) and @py<"2005" and electrode                                       | EPO; JPO;<br>DERWENT                     | OR | ON | 2009/06/04<br>15:04 |

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